

Rush

Work Order ID 137345

137345

Page 1

Thursday, September 24, 2015 2:31:02 PM

Item ID: D5039-5 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Half Link
Start Date: 9/24/2015 Start Qty: 40.00 *40* Cust Item ID:
Required Date: 9/24/2015 Req'd Qty: 40.00 *40* Customer:
Reference:

Approvals: Process Plan: ML5 Date: SEP 24 2015 Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D5039	B								

100

0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 29900
Description: Master Link
Supplier: MC MASTER CARR
Supplier P/N: 6264K72
Material release note is required.

0.00

CL

SEP 25 2015

40

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.01

40

DAS
6
0-89

SEP 29 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 137345

137345

Page 2

Thursday, September 24, 2015 2:31:02 PM

Item ID: D5039-5 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Half Link
 Start Date: 9/24/2015 Start Qty: 40.00 *40* Cust Item ID:
 Required Date: 9/24/2015 Req'd Qty: 40.00 *40* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00							DAS 9 9-89
120									
QC	Memo	0.00							
Quality Control									
130	Identify as per dwg & Stock Location: <u>Ship</u>	0.00							
130									
Packaging	Memo	0.01							40 SEP 29 2015 DAS 6 9-89
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.07							ML5 SEP 29 2015
Quality Control									

SW 20150920

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Thursday, September 24, 2015 2:31:05 PM

Page 1

Work Order ID: 137345

137345

Parent Item: D5039-5

D5039-5

Parent Item Name: Half Link

Start Date: 9/24/2015

Required Date: 9/24/2015

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP REV:A 15.09.23 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
6264K72		Purchased		No			Each	0.0000		40			
6264K72									**			SEP 29 2015	
Half Link													

DAG
6
9-89

DQA: _____ Date: _____



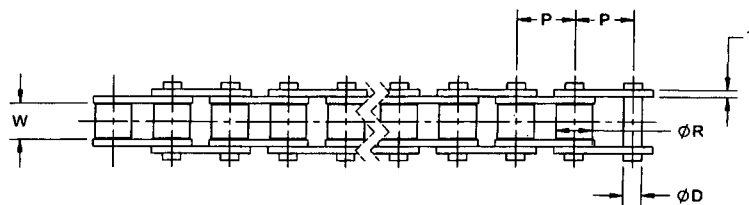
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

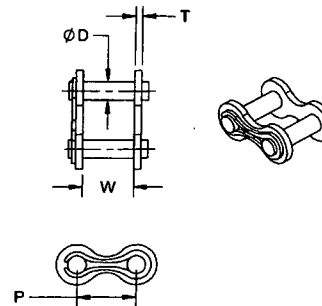
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

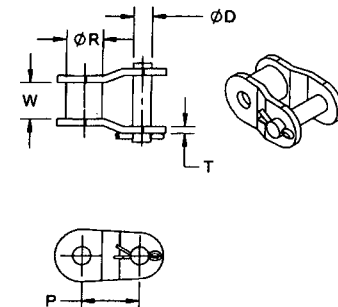
SPECIFICATION CONTROL DRAWING



D5039-1 CHAIN



D5039-3 MASTER LINK



D5039-5 HALF LINK

DART P/N	DESCRIPTION	MATERIAL	WEIGHT (LB/FT)	MANUFACTURER	MANUFACTURER P/N	VENDOR	VENDOR P/N	ALTERNATE VENDOR	ALTERNATE VENDOR P/N	P	W	T	D	R
D5039-1	CHAIN	304 SS	0.43	TSUBAKI	A140004	ACKLANDS GRAINGER	6L076	MCMaster CARR	6264K85	0.50	0.31	0.06	0.16	0.31
D5039-3	MASTER LINK	304 SS	0.43	TSUBAKI	RS40-SS-1	ACKLANDS GRAINGER	6L094	MCMaster CARR	6264K52	0.50	0.43	0.06	0.16	N/A
D5039-5	HALF LINK	304 SS	0.43	-	-	-	-	MCMaster CARR	6264K72	0.50	0.31	0.06	0.16	0.31

D5039-X CHAIN

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
- 7) WEIGHT: SEE TABLE

137345 MJS
150924

RELEASED
2015-09-21
15-556

B	ADD ALTERNATE VENDOR: ZN B3-1, ADD -S; ZNB8-1, C2-1	VS	15.03.04
A	NEW ISSUE	AK	14.01.15
REV.	DESCRIPTION	BY	DATE
DESIGN	AK		
DRAWN	VS		
CHECKED	AK		
MFG. APPR.	JLM		
APPROVED	HS		
DE APPR.	DS		
DATE	15.03.04		

DART AEROSPACE USA, INC.
KENT, WA

DRAWING NO. **D5039** REV. B
SHEET 1 OF 1
TITLE **CHAIN** SCALE NTS

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29900**

Purchase Order Date 9/25/2015

PO Print Date 9/25/2015

Page Number 1 of 3

Order From :
MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 330 995 5500

Ship To Contact
Ship To Phone
Ship Via: Purolator ground ppd
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 10
Currency USD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	6264K72 AS PER DWG D5039 REV. B B137345	Half Link	9/29/2015 Yes 9/29/2015	FN	40.00 Each	\$7.80	\$312.00
Line Total:							\$312.00
2	71500-45	7508K14 CLAMP ON MULTIMETER	9/29/2015 Yes 9/29/2015		1.00 Each	\$129.95	\$129.95
Line Total:							\$129.95
Deliver To: LUC							
3	71500-45	5863K49 MAGNETIZER	9/29/2015 Yes 9/29/2015		2.00 Each 15/9/29	\$5.97	\$11.94

Note:

9/25/2015

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Luc

Purchase Order
PO29900

Page 1 of 1

Order Placed By
Chantal Lavoie

09/25/2015

McMaster-Carr Number
1220534-01

Line	Product	Ordered	Shipped
1	6264K72 ANSI #40-Stainless Steel Add-and-Connect Link for 304 Stainless Steel, Highly Corrosion-Resistant Roller Chain	40 Each	40 ✓
2	7508K14 Clamp-on Multimeter, Average Sensing AC Calculation, 1" Jaw Opening	1 Each	1 ✓
3	5863K49 Pocket-Size Magnetizer/Demagnetizer, with Two 1/2" WD X 1" HT Holes, 2" X 1" X 2" Overall Size	2 Each	2 ✓
4	1112A2 Aluminum Floor Threshold, Ribbed Top, 5" WD, 1/4" HT, 3/16" Thickness, 3' LG	1 Each	1 ✓
5	1113A12 Bottom-Mount Weatherstripping, Wrap-Around Seal with Drip Guard, 1" Flange HT., 3' LG, Sold In Standard 3' And 4' Lengths	1 Each	1 ✓
6	90161A648 Screw for Concrete and Block, Blue-Coated Steel, Flat Head, 1/4" Diameter, 1-3/4" L, Packs of 50	1 Pack	1 ✓

Notes about your shipment

The U.S. Department of Transportation regulates the shipping of lines 2 and 3. By purchasing from McMaster-Carr Supply Company, you agree not to transport or permit others to transport purchased items except in accordance with U.S. law and any other applicable laws.

10/19/23
D

McMaster-Carr Supply Company
200 Aurora Industrial Pkwy
Aurora, OH 44202-8087 USA
Phone: 330-995-5500 Fax: 330-995-9600
E-Mail: cle.sales@mcmaster.com
Employer Identification Number (EIN): 36-1458720

Invoice: 39908692
Purchase Order: PO29900
Release:
McMaster-Carr Number: 1220534-01

ORIGINAL COMMERCIAL
INVOICE
CERTIFICATE OF ORIGIN

Ultimate Destination:
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Shipped: 25-Sep-2015 FOB: ORIGIN
Shipper's Export Declaration (SED):
NO EEI 30.36

Intermediate Consignee:

Bill To:
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Tax Number:

Forwarding Agent:

Billing
Attention:
Shipping Luc
Attention:
Contact:

Line	Description	Qty & Unit	Unit Price	Extension
1	6264K72 ANSI #40-Stainless Steel Add-and-Connect Link for 304 Stainless Steel, Highly Corrosion-Resistant Roller Chain Country of Origin: Japan Schedule B #: 731519 ECCN #: EAR99 NLR	40 EA	\$7.80	\$312.00
2	7508K14 Clamp-on Multimeter, Average-Sensing AC Calculation, 1" Jaw Opening Country of Origin: Taiwan Schedule B #: 903031 ECCN #: 3A992 NLR	1 EA	\$129.95	\$129.95
3	5863K49 Pocket-Size Magnetizer/Demagnetizer, with Two 1/2" WD X 1" HT Holes, 2" X 1" X 2" Overall Size Country of Origin: Germany Schedule B #: 850519 ECCN #: EAR99 NLR	2 EA	\$5.97	\$11.94
4	1112A2 Aluminum Floor Threshold, Ribbed Top, 5" WD, 1/4" HT, 3/16" Thickness, 3' LG Country of Origin: United States Schedule B #: 761010 ECCN #: EAR99 NLR	1 EA	\$23.13	\$23.13
Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department. These commodities, technology, or software were exported from the United States in accordance with Export Administration regulations. Diversion contrary to US law is prohibited.				

Shipping Weight (in kgs): 5

Number of Packages: 1

Invoice Amounts:

Merchandise Amount: \$500.86
Canadian GST/HST: \$67.11
Shipping Charges: \$15.41
Total (In USD): \$583.38

Package Dimensions:

131 X 16 X 18 CM = .038 CUBIC M

Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days

Authorized Signature:

Sarah Weinberg

Date:

25-Sep-2015

Remit payment to:

(by mail)
McMaster-Carr Supply Company
PO Box 7690
Chicago, IL 60680-7690 USA

(by wire transfer)

Bank of America Illinois
231 S LaSalle
Chicago, IL 60697
ABA 071000039 Account 86666-02021
SWIFT BOFAUS3N

Name: Sarah Weinberg

Title: Operations Mgr.

Page 1 of 2

McMaster-Carr Supply Company
200 Aurora Industrial Pkwy
Aurora, OH 44202-8087 USA
Phone: 330-995-5500
E-Mail: cle.sales@mcmaster.com

Fax: 330-995-9600

Employer Identification Number (EIN): 36-1458720

Invoice: 39908692

Purchase Order: PO29900

Release:

McMaster-Carr Number: 1220534-01

ORIGINAL COMMERCIAL

INVOICE

CERTIFICATE OF ORIGIN

Line	Description	Qty & Unit	Unit Price	Extension
5	1113A12 Bottom-Mount Weatherstripping, Wrap-Around Seal with Drip Guard, 1" Flange HT. , 3' LG, Sold In Standard 3' And 4' Lengths Country of Origin: United States Schedule B #: 761090 ECCN #: EAR99 NLR	1 EA	\$11.40	\$11.40
6	90161A648 Screw for Concrete and Block, Blue-Coated Steel, Flat Head, 1/4" Diameter, 1-3/4" L, Packs of 50 Country of Origin: United States Schedule B #: 731814 ECCN #: EAR99 NLR	1 PK	\$12.44	\$12.44
	NOTE The U.S. Department of Transportation regulates the shipping of lines 2 and 3. By purchasing from McMaster-Carr Supply Company, you agree not to transport or permit others to transport purchased items except in accordance with U.S. law and any other applicable laws.			
	NOTE Tracking number(s) for this shipment: MFA004435760			

Number of Packages: 1

Page 2 of 2